**2002-2007 WETLAND RESERVE PROGRAM**
**TENNESSEE**

**PRELIMINARY PLAN WORKSHEETS**

County: _____ Date: _____

Landowner: _____ Tract No. _____
Address: _____ Farm No. _____
_____
_____

Planning Team Members: _____
_____
_____

**INTENTION AREA INFORMATION**

ELIGIBLE ACRES

'PC' _____
'FW'_____
'FWP' _____
' WX' (DRAINED, FORESTED WETLAND; HYDROLOGY RESTORABLE _____
WETLANDS PREVIOUSLY RESTORED UNDER OTHER RESTORATION PROGRAM *_____
ACRES OF RIPARIAN* _____

"OTHER" ACRES < 50% OF EASEMENT

UPLAND OPEN ACRES _____
UPLAND WOODED ACRES _____
WOODED WETLANDS _____

NOTE: THESE ACRES MUST CONTRIBUTE SIGNIFICANTLY TO THE FUNCTIONS OF THE RESTORED ACRES, BUFFER, OR SQUARE UP BOUNDARIES.

TOTAL ELIGIBLE ACRES _____ TOTAL OTHER ACRES _____

TOTAL EASEMENT SIZE _____

***NOTE**: REFER TO PART 514.11 OF CONSERVATION PROGRAMS MANUAL TO DETERMINE ELIGIBILITY OF WETLANDS RESTORED UNDER OTHER STATE OR FEDERAL PROGRAMS.

***NOTE**: RIPARIAN ELIGIBLE AREAS MUST (1) CONNECT WETLANDS PROTECTED BY EASEMENT, OR FILED WRP/EWP EASEMENT AREAS, OR STATE/FEDERAL WILDLIFE MANAGEMENT AREA WETLANDS, (2) AVERAGE NO MORE THAN 300 FEET WIDTH PER STREAM SIDE (600 FEET TOTAL), AND (3) BE NO LONGER IN LENGTH THAN ONE MILE. THESE AREAS ARE CONSIDERED THE SAME AS RESTORABLE WETLAND ACRES.

DURATION OF EASEMENT (CHECK ONE): PERMANENT _____
30-YEAR _____
10-YEAR CONTRACT _____

ANY AREAS MEETING THE FOLLOWING CONDITIONS ARE **STRICTLY INELIGIBLE:** (CHECK ALL APPROPRIATE CATEGORIES AND EITHER EXCLUDE THESE AREAS FROM THE OFFERED ACRES, OR EXCLUDE THE ENTIRE OFFERED ACRES IF ALL RESTORABLE ACRES FALL WITHIN INELIGIBLE CATEGORIES.)

(CHECK ALL APPLICABLE):

1. TIMBER STANDS CERTIFIED ESTABLISHED UNDER CRP _____
2. FEDERAL LANDS _____
3. CONVERTED WETLANDS _____
4. DEED RESTRICTION PROHIBITS HYDROLOGY OR VEGETATION RESTORATION; >5-YEAR RESTRICTION FOR 30-YEAR EASEMENT OFFER, OR >30-YEAR RESTRICTION FOR PERMANENT OFFER. _____
5. FOR PERMANENT EASEMENT OFFERS, >30 YEARS REMAIN ON A PRE-EXISTING EASEMENT. _____
6. FOR 30-YEAR EASEMENT OFFERS, >5 YEARS REMAIN ON A PRE-EXISTING EASEMENT. _____
7. A DEED RESTRICTION PROHIBITS THE PRODUCTION OF AN AGRICULTURAL COMMODITY. _____
8. NO DEEDED RIGHT OF ACCESS, OR NO PROOF THAT A DEEDED INGRESS/EGRESS CAN BE OBTAINED (E.G., A WRITTEN STATEMENT FROM APPLICANT MUST BE PROVIDED TO US THAT DEMONSTRATES THAT ACCESS HAS BEEN AGREED ON WITH THOSE LANDOWNERS CONTROLLING ACCESS). _____
9. EXPECTED ON-SITE OR OFF-SITE CONDITIONS SUCH AS KNOWN CONTAMINATION SOURCE COULD DEGRADE SITE AND CANNOT BE REVERSED. _____

ANY RESTORABLE WETLAND AREAS MEETING THE CONDITIONS BELOW ARE **INELIGIBLE**, BUT MAY BE ACCEPTED UNDER "OTHER LAND" ELIGIBILITY IF **PROVIDING SIGNIFICANT BENEFITS** TO OTHERWISE ELIGIBLE ACRES:

(CHECK ALL APPLICABLE):

1. THE RESTORATION POTENTIAL IS NOT ADEQUATE TO MEET THE OBJECTIVES OF THE PROGRAM _____
2. RESTORATION WILL REQUIRE HIGHER THAN NORMAL MAINTENANCE COSTS BASED ON THE NORMAL COSTS OF THE PLANNED PRACTICES (E.G. DIKE WITH LIFE EXPECTANCY OF 10 YEARS WOULD BE BUILT IN HIGH RISK AREA WHERE LEVEE REPAIR FROM BREACHING IS EXPECTED TO OCCUR ANNUALLY). _____
3. WATER RIGHTS CANNOT BE ASSURED BUT WOULD BE REQUIRED FOR THE RESTORATION NEEDS. _____
4. MAINTENANCE OF PUBLIC OR PRIVATE DRAINAGE-WAYS WILL ADVERSELY AFFECT PROJECT SUCCESS TO THE POINT THE AREA WOULD NOT MEET WETLAND CRITERIA. _____
5. WOULD BE DIFFICULT TO OBTAIN NEEDED PERMITS. _____

**PRELIMINARY PLANNING DATA**

**HYDROLOGY AND SOILS**

ATTACH APPROPRIATE CERTIFIED WETLAND DETERMINATION DATA SHEETS, INCLUDING A CERTIFIED HYDRIC SOILS DETERMINATION MAP.

PREMININARY HYDROLOGY RESTORATION DATA

LANDOWNER _____ FARM NO. _____ TRACT NO. _____
COUNTY _____

STREAM NAME _____
DRAINAGE AREA CHARGING RESTORATION SITE _____
MEANS OF CHARGING SITE (CHECK ALL APPLICABLE)

FLOODING _____ WATER TABLE _____
UPLAND RUNOFF _____ DIRECT RAINFALL _____

POTENTIAL WATER QUALITY PROBLEM FROM SEDIMENT, ORGANICS, MUNICIPAL, INDUSTRIAL, ANIMAL WASTES, OR OTHER CONTAMINANTS?
YES _____ NO _____
IF YES, IDENTIFY SUSPECTED POLLUTANT(S)_____

ARE RESTRICTIONS PRESENT THAT MAY LIMIT OR PROHIBIT THE RECHARGE OF THE SITE (E.G., ROADFILLS, FLOODWATER RETARDING STRUCTURES, LEVEES)?
YES _____ NO _____

IF YES, IDENTIFY RESTRICTIONS AND DETERMINE IF RESTRICTIONS CAN BE REMOVED.

PLANNED HYDROLOGY RESTORATION STRUCTURES/TREATMENTS:

| PLANNED TREATMENT | UNIT | QUANTITY | TOTAL EST. COST |
|---|---|---|---|
| ____LEVEE (DIKE) | FT. | _____ | _____ |
| ____DITCH PLUG | CU.YD. | _____ | _____ |
| ____WATER CONTROL PIPE | NO. | _____ | _____ |
| ____TILE BREAK | FT. | _____ | _____ |
| ____LEVEE BREACH | CU.YD. | _____ | _____ |
| ____SHALLOW EXCAVATION | CU.YD. | _____ | _____ |
| ____CLEMSON LEVELER | NO. | _____ | _____ |
| ____BEAVER EXCLUSION DEVICE | NO. | _____ | _____ |
| ____NESTING ISLAND | CU.YD. | _____ | _____ |
| ____OTHER (SPECIFY BELOW): | _____ | _____ | _____ |

ARE EXISTING RESTORATION TREATMENTS ALREADY PRESENT ON THE SITE?
_____YES _____NO

IF YES, DESCRIBE OR LIST STRUCTURES THAT EXIST ON SITE.

_____
_____
_____

ANTICIPATED ACRES DIRECTLY INFLUENCED BY HYDROLOGY TREATMENT(S) _____
TOTAL ACRES OF PROPOSED EASEMENT _____
% OF EASEMENT DIRECTLY INFLUENCED BY TREATMENT(S) _____

EXAMPLES OF DETERMINING DIRECT INFLUENCE:

1. 20 ACS. TILED FIELD. ALL TILES BROKEN. TOTAL 20 ACRES INFLUENCED.
2. 20 ACS. TILED FIELD. HALF THE TILE LINES BROKEN. 10 AC. INFLUENCED.
3. 100 ACS. FIELD. DITCH PLUG WILL CREATE IMPOUNDMENT AREA OF 35 ACRES. SOIL WATER TABLE ELEVATED TO NEAR SURFACE ON ADDITIONAL 5 ACRES OUTSIDE IMPOUNDMENT BASED ON SOIL TYPE. TOTAL 40 ACS. INFLUENCED.
4. 100 ACRES OPEN LAND AND 50 ACRES WOODS IN EASEMENT OFFER. LEVEE BREACH WILL ALLOW BACKWATER FLOODLINE FROM 2-YEAR STORM TO INUNDATE ALL THE OPEN LAND AND 25 ACRES OF THE WOODLAND. TOTAL 125 ACRES INFLUENCED.
5. SERIES OF SERPENTINE SHALLOW DEPRESSIONS CONSTRUCTED ALONG OLD MEANDER SCAR. PONDING CREATED ON 10 ACS. OF A 30-ACRE FIELD. SOIL WATER TABLE ELEVATED TO NEAR SURFACE ON ADDITIONAL 5 ACRES ABOVE PONDING AREA BASED ON SOIL TYPE. TOTAL OF 15 ACRES INFLUENCED.
6. LANDOWNER VOLUNTARILY CONSTRUCTED WATERFOWL IMPOUNDMENT PRIOR TO APPLYING FOR WRP. IMPOUNDMENT WILL BE MAINTAINED AND MANAGED IN A MANNER TO MIMIC FLOOD DURATIONS AND NATURAL HYDROLOGIC CONDITIONS. TOP OF RISER WATER LINE RESULTS IN 10 ACRES IMPOUNDED. SOIL WATER TABLE ELEVATED TO NEAR SURFACE ON ADDITIONAL 5 ACRES. TOTAL OF 15 ACRES INFLUENCED.
7. ONLY TREE ESTABLISHMENT IS PLANNED IN A FLOODPLAIN WHERE LONG DURATION FLOODING ALREADY OCCURS NATURALLY. TOTAL OF ZERO ACRES INFLUENCED.

ESTIMATED COSTS (REFER TO CURRENT YEAR COST LIST):

| | | | |
|---|---|---|---|
| 1. LEVEE CONSTRUCTION | $ _____/CU.YD. | X _____ | = $ _____ |
| 2. DIRTWORK (DOZER – 150 HP) | $ _____/HR. | X _____ | = $ _____ |
| 3. WATER CONTROL STRUCTURE | $ _____ EA. | X _____ | = $ _____ |
| 4. TILE BREAK | $ _____ EA. | X _____ | = $ _____ |
| 5. BEAVER EXCLUSION DEVICE | $ _____ EA. | X _____ | = $ _____ |
| 6. CLEMSON LEVELER | $ _____ EA. | X _____ | = $ _____ |

TOTAL ESTIMATED COSTS $ _____

**PRELIMINARY VEGETATION RESTORATION DATA**

LANDOWNER _____ FARM NO. _____ TRACT NO. _____
COUNTY _____

PLANNED COVER TYPES TO BE ESTABLISHED (CHECK ALL APPLICABLE)

____ TREE SEEDLING PLANTING ACRES _____
____ NATIVE GRASS PLANTING ACRES _____
____ OPEN WATER ACRES _____
____ NATURAL REGENERATION ACRES _____
____ FOOD PLOTS ACRES _____

**NOTE THAT PROGRAM LIMITS ARE:**

**UP TO BUT NOT MORE THAN 30% OF EASEMENT AREA CAN BE A PERMANENT COVER TYPE OTHER THAN WOODLAND.**

**FIVE (5)% OF THE EASEMENT AREA CAN BE ANNUAL OR PERENNIAL FOOD PLOTS, AND MUST COUNT TOWARD 30% ALTERNATIVE COVER TYPE. FOOD PLOTS MUST BE REQUESTED BY THE APPLICANT AS A COMPATIBLE USE AND APPROVED BY THE STATE CONSERVATIONIST IN WRITING, AND MUST PROVIDE DIRECT BENEFITS TO THE RESTORED WETLANDS**.

ESTIMATED COSTS (REFER TO CURRENT YEAR COST LIST):

1. TREE SEEDLINGS AND PLANTING $ _____/AC. X _____ AC. = $ _____
   (12X12 SPACING; 302 SEEDLINGS/AC)
2. TREE SEEDLINGS AND PLANTING $ _____/AC. X _____ AC. = $ _____
   (_____ SPACING; ___ SEEDLINGS/AC)
3. NATIVE GRASS PLANTING $ _____/AC. X _____ AC. = $ _____
4. MECHANICAL WEED CONTROL $ _____/AC. X _____ AC. = $ _____
   (PER PASS)
5. CHEMICAL WEED CONTROL $ _____/AC. X _____ AC. = $ _____
6. PRESCRIBED BURN $ _____/AC. X _____ AC. = $ _____
7. OTHER (DESCRIBE BELOW) $ _____/AC. X _____ AC. = $ _____

   _____
   _____

TOTAL ESTIMATED COSTS $ _____